

We claim:

1. A medium having a print-control program to acquire print data, create intermediate files of the print data, read the files into a memory, convert the files, and thereby create actual-data-for-printing, said program comprising:

a print data acquisition step to acquire print data;

an intermediate file creation step to divide the acquired print data into parts while keeping the file size of each parts within certain bounds and thereby create a plurality of intermediate files; and

an actual-data-for-printing creation step to read the created intermediate files into the memory for pre-determined conversions, and thereby create actual-data-for-printing.

2. A medium having a print-control program according to Claim 1, further comprising a bounds-to-file-size setting step to set the bounds to file size based on a user-preference setting, wherein at said intermediate file creation step, the acquired print data are divided so as to have the file size within certain bounds set by said bounds-to-file-size setting step.

3. A medium having a print-control program according to Claim 1, wherein at said intermediate file creation step, said bounds

to file size for determining the file size of the divided print data, depends on free space in the memory.

4. A medium having a print-control program according to Claim 1, wherein at said actual-data-for-printing creation step, only one of the plurality of intermediate files is read into the memory at a time.

5. A medium having a print-control program according to Claim 1, wherein said actual-data-for-printing creation step comprises:

creating a record list that makes the intermediate files correspond to a plurality of zones into which page print area is partitioned;

referring to the record list for each target zone; and

reading the intermediate files corresponding to the target zone into the memory; and thereby

creating actual-data-for-printing for each target zone.

6. A medium having a print-control program according to Claim 5, wherein said actual-data-for-printing creation step further comprises:

registering an address having an instruction unit to draw included in an intermediate file, into said record list in such

a manner as to make the address connected with one or a plurality of said zones for all instruction units to draw filed in the intermediate files created;

referencing an address or addresses connected with each target zone from the record list; and

reading the instruction unit or units to draw stored at the referenced address or addresses into the memory.

7. A medium having a print-control program according to Claim 5, wherein in creating a plurality of intermediate files of divisional bitmap data at said intermediate file creation step, the acquired print data that consists of bitmap data are divided into a plurality of parts of the bitmap data corresponding to said zones.

8. An apparatus for print control which acquires print data, creates intermediate files of print data, reads the files into a memory, and converts the file, and thereby creates actual-data-for-printing, said apparatus comprising:

print data acquisition unit to acquire print data;

an intermediate file creation unit to divide the acquired print data into parts while keeping the file size of each parts within certain bounds and thereby create a plurality of intermediate files; and

an actual-data-for-printing creation unit to read the created intermediate files into the memory for pre-determined conversions, and thereby create actual-data-for-printing.

9. A method for print control which acquires print data, creates intermediate files of the print data, reads the files into a memory, converts the files, and thereby creates actual-data-for-printing, said method comprising:

a print data acquisition step to acquire print data;

an intermediate file creation step to divide the acquired print data into parts while keeping the file size of each parts within certain bounds and thereby create a plurality of intermediate files; and

an actual-data-for-printing creation step to read the created intermediate files into the memory for pre-determined conversions, and thereby create actual-data-for-printing.